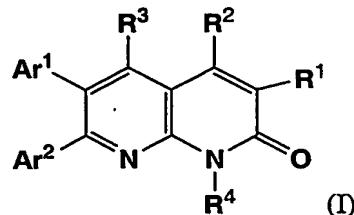


WHAT IS CLAIMED IS:

1. A compound of structural formula I:



5 and pharmaceutically acceptable salts thereof, wherein:

R¹ is selected from:

- (1) halogen,
- (2) C₁-6alkyl,
- (3) -CN,
- 10 (4) -C(O)R⁷,
- (5) -ORD,
- (6) -NR⁵R⁶,
- (7) -S(O)R⁷,
- (8) cycloalkyl,
- 15 (9) cycloheteroalkyl,
- (10) aryl, and
- (11) heteroaryl,

wherein each alkyl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^a, and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl

20 moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^b;

R² is selected from:

- (1) hydrogen,
- (2) -NR⁵R⁶,
- 25 (3) -C(O)R⁷,
- (4) C₁-6alkyl,
- (5) C₂-6 alkenyl,
- (6) C₂-6alkynyl,
- (7) aryl,
- 30 (8) arylC₁-6alkyl-,
- (9) arylC₂-6alkenyl-,

- (10) heteroaryl,
- (11) heteroarylC₁₋₆alkyl-,
- (12) heteroarylC₂₋₆alkenyl-,
- (13) cycloalkyl,
- 5 (14) cycloheteroalkyl-, and
- (15) -OR^d,

wherein each alkyl, alkenyl, and alkynyl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^a; and each aryl and heteroaryl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^b;

10 and each cycloalkyl and cycloheteroalkyl moiety is unsubstituted or substituted with one, two, three or four substituents independently selected from R^b and oxo;

or R¹ and R² together form a 4 to 7 membered ring, containing 0, 1, or 2 heteroatoms independently selected from nitrogen, oxygen, and sulfur; unsubstituted or substituted on carbon or nitrogen with one, two or three substituents independently selected from R^b, wherein one or two of the 15 carbon substituents may also be oxo, and wherein the ring is saturated or has one degree of unsaturation;

R³ is selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl,
- 20 (3) C₁₋₆alkyloxy-,
- (4) trifluoromethyl,
- (5) trifluoromethoxy-,
- (6) halo, and
- (7) C₃₋₇cycloalkyl,

25 wherein the alkyl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^a, and the cycloalkyl moiety is unsubstituted or substituted with one to three substituents selected from R^b and oxo;

R⁴ is selected from:

- (1) hydrogen, and
- 30 (2) -CH₂-R⁸;

R⁵ and R⁶ are each independently selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) C₂₋₁₀alkenyl,
- 35 (4) C₂₋₁₀alkynyl,
- (5) aryl,

- (6) arylC₁₋₄alkyl-,
- (7) heteroaryl,
- (8) heteroarylC₁₋₄alkyl-,
- (9) cycloalkyl,
- (10) cycloalkylC₁₋₄alkyl-,

5 (11) trifluoromethyl,

(12) -C(O)-R^c,

(13) -CO₂R^c,

(14) -C(O)C(O)OR^c,

10 (15) -C(O)C(O)N^eR^f,

(16) -S(O)_mR^c, and

(17) -C(O)N(R^d)S(O)_mR^c,

15 wherein each alkyl, alkenyl, alkynyl moiety is unsubstituted or substituted with one or two R^a substituents, and each cycloalkyl, heteroaryl and aryl moiety is unsubstituted or substituted with one or two R^b substituents,

or R⁵ and R⁶ together form =CH-N(R^e)(R^f);

R⁷ is selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,

20 (3) C₂₋₁₀alkenyl,

(4) C₂₋₁₀alkynyl,

(5) cycloalkyl,

(6) cycloalkyl-C₁₋₁₀alkyl-,

(7) cycloheteroalkyl,

25 (8) cycloheteroalkyl-C₁₋₁₀alkyl-,

(9) aryl,

(10) heteroaryl,

(11) aryl-C₁₋₁₀alkyl-,

(12) heteroaryl-C₁₋₁₀alkyl-,

30 (13) -OR^e,

(14) -NR^dR^e,

(15) -NH(C=O)OR^e, and

(16) -NR^dSO₂R^e,

wherein each alkyl, alkenyl, and alkynyl moiety is unsubstituted or substituted with one, two,

35 three or four substituents independently selected from R^a, and each cycloalkyl, cycloheteroalkyl,

aryl and heteroaryl moiety is unsubstituted or substituted with one, two, three or four substituents independently selected from R^b;

R⁸ is selected from:

- (1) hydrogen,
- 5 (2) -(CH₂)_nOC(O)R^e,
- (3) C₁₋₈alkyl,
- (4) C₂₋₈alkenyl,
- (5) C₂₋₈alkynyl,
- (6) cycloalkyl,
- 10 (7) cycloalkyl-C₁₋₈alkyl-,
- (8) cycloheteroalkyl,
- (9) cycloheteroalkyl-C₁₋₈alkyl-,
- (10) aryl,
- (11) heteroaryl,
- 15 (12) aryl-C₁₋₈alkyl-, and
- (13) heteroaryl-C₁₋₈alkyl-,

wherein each alkyl, alkenyl, and alkynyl moiety is unsubstituted or substituted with one, two, three or four substituents independently selected from R^a, and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl moiety is unsubstituted or substituted with one, two, three or four substituents independently selected from R^b;

Ar¹ and Ar² are independently selected from:

- (1) aryl,
- (2) heteroaryl,

wherein each aryl and heteroaryl moiety is unsubstituted or substituted with one, two, three or four substituents independently selected from R^b;

each R^a is independently selected from:

- (1) -ORE^e,
- (2) -NR^dS(O)_mR^c,
- (3) -NO₂,
- 30 (4) halogen,
- (5) -S(O)_mR^c,
- (6) -SRE^e,
- (7) -S(O)₂ORE^e,
- (8) -S(O)_mNRE^eR^f,
- 35 (9) -NRE^eR^f,
- (10) -O(CRE^eR^f)_nNRE^eR^f,

- (11) $-\text{C}(\text{O})\text{R}^c$,
- (12) $-\text{CO}_2\text{R}^c$,
- (13) $-\text{CO}_2(\text{C}\text{R}^e\text{R}^f)_n\text{CONR}^e\text{R}^f$,

- (14) $-\text{OC}(\text{O})\text{R}^c$,
- 5 (15) $-\text{CN}$,
- (16) $-\text{C}(\text{O})\text{N}^e\text{R}^f$,
- (17) $-\text{NR}^d\text{C}(\text{O})\text{R}^c$,
- (18) $-\text{NR}^d\text{C}(\text{O})\text{OR}^e$,
- (19) $-\text{NR}^d\text{C}(\text{O})\text{NR}^d\text{R}^e$,

- 10 (20) $-\text{CR}^d(\text{N}-\text{OR}^e)$,
- (21) $-\text{CF}_3$,
- (22) $-\text{OCF}_3$
- (23) C_{3-8} cycloalkyl, and
- (24) cycloheteroalkyl;

15 wherein each cycloalkyl and cycloheteroalkyl moiety is unsubstituted or substituted with one, two or three substituents independently selected from R^h ;

each R^b is independently selected from:

- (1) R^a ,
- (2) C_{1-10} alkyl,
- 20 (3) cycloalkyl C_{1-4} alkyl-,
- (4) cycloheteroalkyl C_{1-4} alkyl-,
- (5) aryl,
- (6) aryl C_{1-4} alkyl-,
- (7) heteroaryl, and
- 25 (8) heteroaryl C_{1-4} alkyl-,

wherein each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl moiety is unsubstituted or substituted with one, two or three substituents independently selected from R^h ;

each R^c is independently selected from:

- (1) hydrogen,
- 30 (2) C_{1-10} alkyl,
- (3) C_{2-10} alkenyl,
- (4) C_{2-10} alkynyl,
- (5) C_{1-8} perfluoroalkyl,
- (6) cycloalkyl,
- 35 (7) cycloalkyl- C_{1-10} alkyl-,

- (8) cycloheteroalkyl,
- (9) cycloheteroalkyl-C₁₋₁₀alkyl-,
- (10) aryl,
- (11) heteroaryl,
- 5 (12) aryl-C₁₋₁₀alkyl-,
- (13) heteroaryl-C₁₋₁₀alkyl-, and
- (14) -NR^dR^d,

wherein each alkyl, cycloalkyl, cycloheteroalkyl, aryl, and heteroaryl moiety is unsubstituted or substituted with one or two R^h substituents, and each alkyl, cycloalkyl, cycloheteroalkyl may 10 also be substituted on a carbon or sulfur atom with one or two oxo substituents.

each R^d is independently selected from hydrogen, C₁₋₁₀alkyl, C₁₋₁₀alkylcarbonyl-, aryl, arylcarbonyl-, arylsulfonyl-, and C₁₋₁₀alkylsulfonyl-; wherein each alkyl and aryl moiety is unsubstituted or substituted with one, two or three substituents independently selected from R^h;

15 R^e and R^f are independently selected from hydrogen, C₁₋₁₀alkyl, C₂₋₁₀alkenyl, C₂₋₁₀alkynyl, trifluoromethyl, cycloalkyl, cycloalkyl-C₁₋₁₀alkyl, cycloheteroalkyl, cycloheteroalkyl-C₁₋₁₀alkyl, aryl, heteroaryl, aryl-C₁₋₁₀alkyl, and heteroaryl-C₁₋₁₀alkyl at each occurrence; or

when bonded to the same atom, R^e and R^f together with the atom to which they are attached form a ring 20 of 5 to 7 members containing 0, 1, or 2 heteroatoms independently selected from oxygen, sulfur and nitrogen; and

each R^e and R^f moiety is unsubstituted or substituted on a carbon or nitrogen atom with one, two or three substituents selected from R^h;

each R^h is independently selected from:

- (1) halogen,
- (2) C₁₋₁₀alkyl,
- 25 (3) C₃₋₈cycloalkyl,
- (4) cycloheteroalkyl,
- (5) aryl,
- (6) arylC₁₋₄alkyl-,
- (7) heteroaryl,
- 30 (8) heteroarylC₁₋₄alkyl-,
- (9) -ORⁱ,
- (10) -NR^kS(O)_mRⁱ,
- (11) -S(O)_mRⁱ,
- (12) -SRⁱ,
- 35 (13) -S(O)₂ORⁱ,
- (14) -NRⁱRⁱ,

- (15) $-\text{O}(\text{CR}^k\text{R}^k)_n\text{NR}^i\text{R}^i$,
- (16) $-\text{C}(\text{O})\text{R}^i$,
- (17) $-\text{CO}_2\text{R}^i$,
- (18) $-\text{CO}_2(\text{CR}^k\text{R}^k)_n\text{CONR}^i\text{R}^i$,
- 5 (19) $-\text{OC}(\text{O})\text{R}^i$,
- (20) $-\text{CN}$,
- (21) $-\text{C}(\text{O})\text{NR}^i\text{R}^i$,
- (22) $-\text{NR}^k\text{C}(\text{O})\text{R}^i$,
- (23) $-\text{OC}(\text{O})\text{NR}^i\text{R}^i$,
- 10 (24) $-\text{NR}^k\text{C}(\text{O})\text{OR}^i$,
- (25) $-\text{NR}^k\text{C}(\text{O})\text{NR}^i\text{R}^i$,
- (26) $-\text{CF}_3$, and
- (27) $-\text{OCF}_3$.

each R^i is independently selected from:

- 15 (1) hydrogen,
- (2) $\text{C}_1\text{-galkyl}$,
- (3) $\text{C}_2\text{-galkenyl}$,
- (4) $\text{C}_2\text{-galkynyl}$,
- (5) $\text{C}_1\text{-6perfluoroalkyl}$,
- 20 (6) cycloalkyl,
- (7) cycloalkyl- $\text{C}_1\text{-6alkyl-}$,
- (8) cycloheteroalkyl,
- (9) cycloheteroalkyl- $\text{C}_1\text{-6 alkyl-}$,
- (10) aryl,
- 25 (11) heteroaryl,
- (12) aryl- $\text{C}_1\text{-6alkyl-}$, and
- (13) heteroaryl- $\text{C}_1\text{-6alkyl-}$,

wherein each alkyl, cycloalkyl, cycloheteroalkyl, aryl, and heteroaryl is unsubstituted or substituted with one or two substituents selected from hydroxy, methoxy, acetoxy, halogen, 30 cyano, and trifluoromethyl;

and each alkyl, cycloalkyl, cycloheteroalkyl may be substituted on a carbon or sulfur atom with one or two oxo substituents; and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl may be substituted with methyl;

each R^k is independently selected from hydrogen, $\text{C}_1\text{-10alkyl}$, $\text{C}_1\text{-10alkylcarbonyl-}$, $\text{arylC}_1\text{-3alkyl-}$, and 35 arylcarbonyl- , wherein the alkyl and aryl moieties may be unsubstituted or substituted with one,

two or three substituents independently selected from hydroxy, methoxy, acetoxy, halogen, trifluoromethyl, cyano, and aryl may also be substituted with methyl;

m is selected from 1 and 2; and

n is selected from 1, 2, and 3;

5 or a pharmaceutically acceptable salt thereof.

2. The compound according to Claim 1, wherein;

R³ is selected from:

(1) hydrogen, and

10 (2) methyl;

Ar¹ and Ar² are each phenyl, either unsubstituted or substituted with one or two substituents independently selected from R^b;

each R^a is independently selected from:

(1) -ORE,

15 (2) halogen,

(3) -NRERF,

(4) -C(O)RC,

(5) -CO₂RC,

(6) -OC(O)RC,

20 (7) -CN,

(8) -CF₃, and

(9) -OCF₃;

each R^b is independently selected from:

(1) R^a,

25 (2) C₁₋₆alkyl,

(3) cycloalkylmethyl-,

(4) cycloheteroalkylmethyl-,

(5) phenyl,

(6) benzyl,

30 (7) pyridyl, and

(8) pyridylmethyl-,

wherein each cycloalkyl, cycloheteroalkyl, phenyl and pyridyl moiety is unsubstituted or substituted with one, two or three substituents independently selected from R^h;

each R^c is independently selected from:

35 (1) hydrogen,

(2) C₁₋₆alkyl,

- (3) trifluoromethyl,
- (4) C₃-7cycloalkyl,
- (5) C₃-7cycloalkyl-methyl-,
- (6) cycloheteroalkyl,
- 5 (7) cycloheteroalkyl-methyl-,
- (8) phenyl,
- (9) pyridyl,
- (10) benzyl,
- (11) pyridylmethyl-, and
- 10 (12) -NR^dR^d,

wherein each alkyl, cycloalkyl, cycloheteroalkyl, aryl, and heteroaryl moiety is may be substituted with one or two R^h substituents, and each alkyl, cycloalkyl, cycloheteroalkyl may be substituted on a carbon or sulfur atom with one or two oxo substituents;

each R^d is independently selected from hydrogen, and C₁-6alkyl; wherein the alkyl group may be unsubstituted or substituted with one or two substituents independently selected from R^h;

15 R^e and R^f are independently selected from hydrogen, C₁-6alkyl, trifluoromethyl, cycloalkyl, cycloalkyl-methyl, cycloheteroalkyl, cycloheteromethyl, phenyl, pyridyl, benzyl, and pyridylmethyl at each occurrence; or

when bonded to the same atom, R^e and R^f together with the atom to which they are attached form a ring 20 of 5 to 7 members containing 0, 1, or 2 heteroatoms independently selected from oxygen, sulfur and nitrogen; and

each R^e and R^f moiety may be unsubstituted or substituted on a carbon or nitrogen atom with one, two or three substituents selected from R^h;

each R^h is independently selected from:

- 25 (1) halogen,
- (2) C₁-3alkyl,
- (3) hydroxy,
- (4) methoxy,
- (5) -NRⁱRⁱ, wherein Rⁱ is selected from hydrogen and methyl,
- 30 (6) methylcarbonyloxy,
- (7) CF₃, and
- (8) -OCF₃;

or a pharmaceutically acceptable salt thereof.

35 3. The compound according to Claim 2, wherein R¹ is selected from:

- (1) halogen,

- (2) C₁₋₄alkyl,
- (3) -CN,
- (4) -COR⁷,
- (5) -ORD,
- 5 (6) -NR⁵R⁶, and
- (7) cycloheteroalkyl,

wherein each alkyl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^a, and each cycloheteroalkyl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^b;

10 R² is selected from:

- (1) hydrogen,
- (2) -NR⁵R⁶,
- (3) -C(O)R⁷,
- (4) C₁₋₆alkyl,
- 15 (5) phenyl,
- (6) pyridyl,
- (7) cycloheteroalkyl,
- (8) -ORD,

wherein each alkyl moiety is unsubstituted or substituted with one, two, or three substituents

20 independently selected from R^a; and each phenyl and pyridyl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^b; and each cycloheteroalkyl moiety is unsubstituted or substituted with one, two, three or four substituents independently selected from R^b and oxo;

25 or R¹ and R² together form a 4 to 7 membered ring, containing 1, or 2 heteroatoms independently selected from nitrogen and oxygen; unsubstituted or substituted on carbon or nitrogen with one, two or three substituents independently selected from R^b, wherein one or two of the carbon substituents may also be oxo, and wherein the ring is saturated or has one degree of unsaturation; and pharmaceutically acceptable salts thereof.

30 4. The compound according to Claim 3, wherein

R⁵ is selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl,
- (3) trifluoromethyl, and
- 35 (4) methylcarbonyl-,

wherein the each alkyl moiety is unsubstituted or substituted with one or two R^a substituents; and R⁶ is each selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl,
- 5 (3) phenyl,
- (4) benzyl,
- (5) trifluoromethyl,
- (6) -C(O)-R^c,
- (7) -CO₂R^c, and
- 10 (8) -S(O)₂CH₃,

wherein each alkyl moiety is unsubstituted or substituted with one or two R^a substituents, and each phenyl moiety is unsubstituted or substituted with one or two R^b substituents, or R⁵ and R⁶ together form =CH-N(CH₃)₂;

R⁷ is selected from:

- 15 (1) hydrogen,
- (2) C₁₋₆alkyl,
- (3) cycloalkyl,
- (4) cycloheteroalkyl,
- (5) aryl,
- 20 (6) heteroaryl,
- (7) heteroaryl-C₁₋₁₀alkyl-,
- (8) -ORE^e,
- (9) -NR^dRE^e, and
- (10) -NH(C=O)ORE^e,

25 wherein each alkyl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^a, and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl moiety is unsubstituted or substituted with an R^b substituent;

R⁸ is selected from:

- 30 (1) hydrogen,
- (2) -(CH₂)_nOC(O)RE^e,
- (3) C₁₋₆alkyl,
- (4) cycloalkyl,
- (5) cycloheteroalkyl,
- (6) phenyl, and
- 35 (7) heteroaryl,

wherein each alkyl moiety is unsubstituted or substituted with one, two, three or four substituents independently selected from R^a, and each cycloalkyl, cycloheteroalkyl, phenyl and heteroaryl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^b;

5 and pharmaceutically acceptable salts thereof.

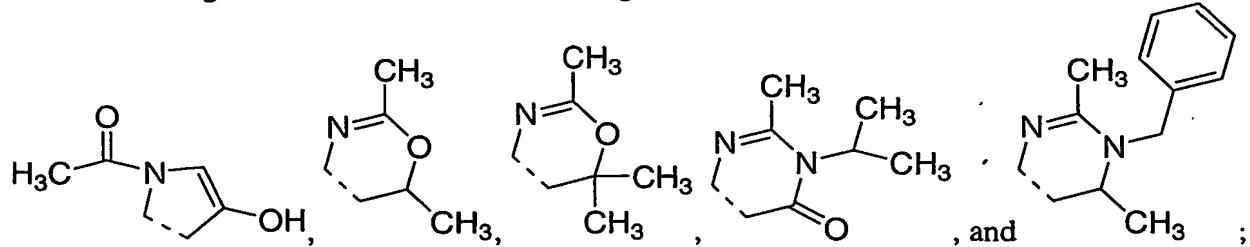
5. The compound according to Claim 4, wherein:

R¹ is selected from:

- (1) halogen,
- (2) C₁-3alkyl, unsubstituted or substituted with hydroxy or methoxy,
- (3) -CN,
- (4) methyloxycarbonyl-,
- (5) methylcarbonyl-,
- (6) isopropylloxycarbonyl-,
- (7) bromomethylcarbonyl-,
- (8) -C(O)NH₂,
- (9) methoxy-,
- (10) -NR⁵R⁶, wherein R⁵ is methyl and R⁶ is C₁-3alkyl, or R⁵ and R⁶, together with the nitrogen to which they are attached, form a 5-membered cycloheteroalkyl ring, and
- (11) cycloheteroalkyl,

R² is or C₁-6alkyl or NR⁵R⁶, wherein R⁵ is selected from: hydrogen, methyl, and methylcarbonyl-, and R⁶ is selected from, hydrogen, methyl benzyl, -C(=O)R^c, and -SO₂CH₃;

or R¹ and R² together form a 4 to 7 membered ring, selected from:



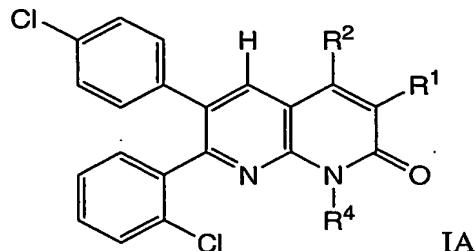
25 R⁴ is selected from:

- (1) hydrogen,
- (2) C₁-5alkyl,
- (3) benzyl,
- (4) pyridylmethyl-,
- (5) cycloalkyl-methyl-,
- (6) cycloheteroalkyl-methyl-,

wherein each alkyl moiety is unsubstituted or substituted with one, two, three or four substituents independently selected from R^a; and each cycloalkyl, cycloheteroalkyl, phenyl and pyridyl moiety is unsubstituted or substituted with one, two, or three substituents independently selected from R^b;

5 Ar¹ is phenyl, substituted with one or two substituents independently selected from halogen and methyl; Ar² is phenyl, either unsubstituted or substituted with one or two halogen substituents; or a pharmaceutically acceptable salt thereof.

6. The compound according to Claim 2, of structural formula IA:



10

wherein R¹, R², and R⁴ are as defined in Claim 2; and pharmaceutically acceptable salts thereof.

7. A compound selected from:

15 N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide; 3-acetyl-4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-1,8-naphthyridin-2(1H)-one; N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-(1-hydroxyethyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

20 4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-1,8-naphthyridin-2(1H)-one; N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide; 9-(4-chlorophenyl)-8-(2,4-dichlorophenyl)-2,4,4,6-tetramethyl-4,6-dihydro-5H-[1,3]oxazino[5,4-c]-1,8-naphthyridin-5-one;

25 N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-ethyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide; N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1,5-dimethyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide; 3-acetyl-4-(benzylamino)-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-1,8-naphthyridin-2(1H)-one;

30 one;

3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-4-(dimethylamino)-1-methyl-1,8-naphthyridin-2(1*H*)-one;

N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-*N,N*-dimethylurea;

5 *N*-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-*N*-methylacetamide;

N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-2-methoxyacetamide;

10 *N*-[3-acetyl-1-benzyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[3-acetyl-6-(4-chlorophenyl)-1-(cyclopropylmethyl)-7-(2,4-dichlorophenyl)-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

15 *N*-[3-acetyl-1-butyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

20 *N*-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-(2-methoxyethyl)-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

25 *N*-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1-(tetrahydrofuran-2-ylmethyl)-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

30 2-{{[3-acetyl-4-(acetylamino)-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1,8-naphthyridin-1(2*H*)-yl]methyl}pyridinium trifluoroacetate;

3-{{[3-acetyl-4-(acetylamino)-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1,8-naphthyridin-1(2*H*)-yl]methyl}pyridinium trifluoroacetate;

35 2-[3-acetyl-4-(acetylamino)-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1,8-naphthyridin-1(2*H*)-yl]ethyl acetate;

N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-(2,4-dimethoxybenzyl)-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

4-{{[3-acetyl-4-(acetylamino)-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1,8-naphthyridin-1(2*H*)-yl]methyl}pyridinium trifluoroacetate;

40 *N*-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1-propyl-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[3-acetyl-7-(2-chlorophenyl)-6-(4-chlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

45 *N*-[3-acetyl-7-(2-chlorophenyl)-6-(4-chlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-(1-(2,4-dimethoxybenzyl)-3-acetyl-7-(2,4-dichlorophenyl)-6-(4-chlorophenyl)-1,2-dihydro-2-oxo-1,8-naphthyridin-4-yl)-*N*-acetylacetamide;

N-(1-(2,4-dimethoxybenzyl)-7-(2,4-dichlorophenyl)-6-(4-chlorophenyl)-1,2-dihydro-2-oxo-1,8-naphthyridin-4-yl)-*N*-acetylacetamide;

5 *N*-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-(2-hydroxyethyl)-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

10 *N*-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]methanesulfonamide;

 2-{{3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl}amino}-2-oxoethyl acetate;

N-[3-acetyl-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-2-hydroxyacetamide;

15 *N*-[3-acetyl-7-(2,4-dichlorophenyl)-1-methyl-6-(4-methylphenyl)-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[3-acetyl-7-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

 1-acetyl-8-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-hydroxy-5-methyl-1,5-dihydro-4*H*-pyrrolo[3,2-*c*]-1,8-naphthyridin-4-one;

20 *N*-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1,3-dimethyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]propanamide;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-ethyl-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]butanamide;

25 4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1,3-dimethyl-1,8-naphthyridin-2(*H*)-one;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1,3-dimethyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

 4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-1,8-naphthyridin-2(*H*)-one;

30 *N*-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-*N*-methylacetamide;

 2-{{[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]amino}-2-oxoethyl acetate};

35 2-chloro-*N*-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-2-methoxyacetamide;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-N'-ethylurea;

5 N-[3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-2-hydroxyacetamide;

N¹-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-N²,N²-dimethylglycinamide;

10 N¹-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-N²-methylglycinamide;

N¹-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]glycinamide;

4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-ethyl-1-methyl-1,8-naphthyridin-2(1H)-one;

4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-isopropyl-1-methyl-1,8-naphthyridin-2(1H)-one;

15 4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-methyl-1-propyl-1,8-naphthyridin-2(1H)-one;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-ethyl-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-isopropyl-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

20 N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-methyl-2-oxo-1-propyl-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-ethyl-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-(1-methoxyethyl)-1-methyl-1,8-naphthyridin-2(1H)-one;

25 4-amino-3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-1,8-naphthyridin-2(1H)-one;

N-[3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

4-amino-3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-1,8-naphthyridin-2(1H)-one;

30 N-acetyl-N-(3-chloro-7-(2,4-dichlorophenyl)-6-(4-chlorophenyl)-1,2-dihydro-1-isobutyl-2-oxo-1,8-naphthyridin-4-yl)acetamide;

N-[3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N¹-[3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-N²,N²-dimethylglycinamide;

2-{[3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]amino}-2-oxoethyl acetate;

N-[3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-2-hydroxyacetamide;

5 *N*-acetyl-*N*-(3-chloro-7-(2-chlorophenyl)-6-(4-chlorophenyl)-1,2-dihydro-1-isobutyl-2-oxo-1,8-naphthyridin-4-yl)acetamide;

N-[3-chloro-7-(2-chlorophenyl)-6-(4-chlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

10 *N*-[3-chloro-7-(2-chloro-4-fluorophenyl)-6-(4-chlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-(dimethylamino)-1-methyl-1,8-naphthyridin-2(1*H*)-one;

N-acetyl-*N*-(7-(2,4-dichlorophenyl)-6-(4-chlorophenyl)-3-(dimethylamino)-1,2-dihydro-1-methyl-2-oxo-1,8-naphthyridin-4-yl)acetamide;

15 *N*-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-(dimethylamino)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-[isopropyl(methyl)amino]-1-methyl-1,8-naphthyridin-2(1*H*)-one;

N-(3-(*N*-isopropyl-*N*-methylamino)-7-(2,4-dichlorophenyl)-6-(4-chlorophenyl)-1,2-dihydro-1-methyl-2-oxo-1,8-naphthyridin-4-yl)-*N*-acetylacetamide;

20 *N*-{6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-[isopropyl(methyl)amino]-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl}acetamide;

N-acetyl-*N*-(7-(2,4-dichlorophenyl)-6-(4-chlorophenyl)-1,2-dihydro-1-methyl-2-oxo-3-(pyrrolidin-1-yl)-1,8-naphthyridin-4-yl)acetamide;

25 *N*-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-3-pyrrolidin-1-yl-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-methoxy-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N-acetyl-*N*-(7-(2,4-dichlorophenyl)-6-(4-chlorophenyl)-1,2-dihydro-1-isobutyl-3-methoxy-2-oxo-1,8-naphthyridin-4-yl)acetamide;

30 *N*-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methoxy-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

N'-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methoxy-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-*N,N*-dimethylimidoformamide;

35 *N*'-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-ethyl-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-*N,N*-dimethylimidoformamide;

N-[3-chloro-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-*N,N*-dimethylimidoformamide;

N-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-isobutyl-3-methoxy-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]-*N,N*-dimethylimidoformamide;

5 *N*-[6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-(1-methoxyethyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

9-(4-chlorophenyl)-8-(2,4-dichlorophenyl)-2,4,6-trimethyl-4,6-dihydro-5*H*-[1,3]oxazino[5,4-*c*]-1,8-naphthyridin-5-one;

6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-3-isopropyl-1-methyl-4-(methylamino)-1,8-naphthyridin-2(1*H*)-one;

3-benzyl-9-(4-chlorophenyl)-8-(2,4-dichlorophenyl)-2,4,6-trimethyl-4,6-dihydropyrimido[5,4-*c*]-1,8-naphthyridin-5(3*H*)-one;

methyl 4-(acetylamino)-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridine-3-carboxylate;

15 methyl 4-(*N*-acetylacetamido)-7-(2,4-dichlorophenyl)-6-(4-chlorophenyl)-1,2-dihydro-1-methyl-2-oxo-1,8-naphthyridine-3-carboxylate;

isopropyl 4-(acetylamino)-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridine-3-carboxylate;

ethyl 4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridine-3-carboxylate;

4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridine-3-carboxamide;

4-(acetylamino)-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-*N,N*,1-trimethyl-2-oxo-1,2-dihydro-1,8-naphthyridine-3-carboxamide;

25 9-(4-chlorophenyl)-8-(2,4-dichlorophenyl)-3-isopropyl-2,6-dimethylpyrimido[5,4-*c*]-1,8-naphthyridine-4,5(3*H*,6*H*)-dione;

4-amino-6-(4-chlorophenyl)-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridine-3-carbonitrile;

30 *N*-[6-(4-chlorophenyl)-3-cyano-7-(2,4-dichlorophenyl)-1-methyl-2-oxo-1,2-dihydro-1,8-naphthyridin-4-yl]acetamide;

and pharmaceutically acceptable salts thereof.

8. A method of treating a disease mediated by the cannabinoid-1 receptor comprising administration to a patient in need of such treatment of a therapeutically effective amount of 35 a compound according to Claim 1.

9. The method according to Claim 8 wherein the disease mediated by the cannabinoid-1 receptor is selected from: psychosis; memory deficit; cognitive disorders; migraine; neuropathy; neuro-inflammatory disorders; cerebral vascular accidents; head trauma; anxiety disorders; stress; epilepsy; Parkinson's disease; schizophrenia; substance abuse disorders selected from alcohol abuse, nicotine addiction, and drug addiction; constipation; chronic intestinal pseudo-obstruction; cirrhosis of the liver; asthma; and obesity, and other eating disorders associated with excessive food intake.

10. The method according to Claim 9 wherein the disease mediated by the cannabinoid-1 receptor is an eating disorder associated with excessive food intake selected from obesity, bulimia nervosa, and compulsive eating disorders.

11. The method according to Claim 10 wherein the eating disorder associated with excessive food intake is obesity.

15. 12. A method of preventing obesity in a person at risk for obesity comprising administration to said person of about 0.001 mg to about 100 mg per kg of a compound according to Claim 1.

20. 13. A composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier.

25. 14. The use of a compound according to Claim 1, for the manufacture of a medicament useful for the treatment of a disease mediated by the Cannabinoid-1 receptor in a human patient in need of such treatment.

30. 15. The use according to Claim 14 wherein the disease mediated by the cannabinoid-1 receptor is selected from psychosis; memory deficit; cognitive disorders; migraine; neuropathy; neuro-inflammatory disorders; cerebral vascular accidents; head trauma; anxiety disorders; stress; epilepsy; Parkinson's disease; schizophrenia; substance abuse disorders selected from alcohol abuse, nicotine addiction, and drug addiction; constipation; chronic intestinal pseudo-obstruction; cirrhosis of the liver; asthma; and obesity, and other eating disorders associated with excessive food intake.

35. 16. The use according to Claim 15 wherein the disease mediated by the cannabinoid-1 receptor is obesity.

17. The use of a compound according to Claim 1 for the manufacture of a medicament for the prevention of obesity in a person at risk therefor.